

Product datasheet for **RN214713**

Arih1 (NM_001013108) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arih1 (NM_001013108) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Arih1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214713 representing NM_001013108
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACTCGGACGAGGGCTACAACACTACGAGTTCGACGAGGACGAGGAGTGCAGCGAGGAGGACAGCGCGC
 CCGAGGAGGAGGAGGACGACGACGAGGATGAGCCGGACGATGATAACCTGGATCTCGGCGAGGTGGAGCT
 GGTGGAGCCCGGCTGGGCGTCGGCGGGAGCGGGACGGACTGCTGTGCGGGGAGACTGGCGGCGCGGC
 GGCAGCGCTCTGGGTCCCGGAGGCGGTGGCGCGGTGGCGGTGGCGGCGCGGCCCGGGGACGAGCAGG
 AGGAAGATTACCGCTACGAGGTGCTCACGGCCGAACAGATCCTGCAGCACATGGTGAATGTATCCGGGA
 GGTCAACGAGGTCATCCAGAATCCAGCAACTATCACGAGAATACTCCTTAGCCACTTCAATTGGGATAAA
 GAGAAGCTAATGGAAAGTACTTTGATGGAAACCTGGAGAAGCTCTTTGCTGAGTGCATGTAATTAATC
 CAAGTAAAAAGTCTGAACTCGCCAGATGAATACAAGGTCATCAGCACAGGATATGCCTTGCAGATCTG
 CTACTTGAATTACCCTAACTCGTATTTTACTGGCCTTGAATGTGGACATAAGTTTTGTATGCAGTCTGG
 AGTGAATATTTAACTACCAAAATAATGGAAGAAGGCATGGGGCAGACTATCTCGTCTCCTGCGCATGGCT
 GTGATATCTTAGTGGATGACAACACAGTTATGCGCCTGATCACAGATTCAAAAGTAAATTAATAATCA
 GCATTTAATAACAAATAGCTTTGTAGAGTGCAACCGACTGTTAAAATGGTGTCTCCTGCCCCGATTGCCAC
 CATGTTGTTAAAGTCCAGTATCCTGATGCAAAACCAGTTCGCTGCAAGTGTGGCCGCCAGTTTTGCTTTA
 ACTGTGGCGAAAATTGGCATGATCCAGTTAAATGTAAGTGGTGAAGAAGTGGATTAATAAGTGTGATGA
 TGACAGTGAACCTTCTAATTGGATTGCAGCTAACACAAAGGAATGTCCAAATGCCATGTCACAATTGAG
 AAGGATGGTGGTTGTAATCACATGGTCTGTCTGTAACCAGAAGTAAAGCAGAGTTTTGCTGGGTGTGTC
 TTGGCCCTTGGGAACCACATGGATCTGCCTGGTACAACCTGTAACCGCTATAATGAGGATGATGCAAAAGC
 AGCAAGAGATGCCCAAGAGCGATCTAGGGCAGCCCTGCAGAGGTACCTGTTCTACTGTAATCGCTATATG
 AACACATGCAGAGTCTACGCTTTGAGCATAAGCTGTATGCTCAGGTGAAACAGAAGATGGAGGAAATGC
 AGCAGCACAAATGTCCTGGATTGAGGTGCAGTTCCTGAAGAAAGCAGTTGATGTCCTCTGCCAGTGTGCG
 TGCCCACTCATGTACACTTATGTCTTCGCTTTTACCTCAAAAAGAATAACCAGTCCATTATCTTTGAG
 AATAATCAAGCAGATCTAGAAAATGCCACAGAGGTGCTTTCGGGCTACCTGAACGAGATATTTCCCAAG
 ATTCTCTGCAAGATATAAAGCAGAAAGTCCAAGATAAGTACAGATACTGTGAGAGTGCACGAAGGGTTTT
 GTTACAGCATGTGCATGAAGGCTATGAAAAGATCTGTGGGAGTACATTGAGGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001013108
- Insert Size:** 1668 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001013108.3](#), [NP_001013126.2](#)

RefSeq Size: 5130 bp

RefSeq ORF: 1668 bp

Locus ID: 300756

Cytogenetics: 8q24